SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

S

API NO. 15-.163-22,868-00-00

County.....Rooks.....

SW.. .NW. ..NW. Sec.16. Twp.7S.Rge..20.. __ East X West

.4290..... Ft North from Southeast Corner of Section
.4950..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name.....Riseley."B"....Well #.1.....

Field Name....LeSage, East.....

Producing Formation.....Arbuckle.....

Elevation: Ground.....2167'.....KB....2172'....

Operator: License # .....7419.....
Name .....Alcona Oil Company.....
Address ....2908 Hillcrest Dr.....
.....
City/State/Zip .Hays, Kansas 67601.....

Purchaser.....Farmland Industries Inc.....
.....

Operator Contact Person .....Dean LeSage.....
Phone ....913-628-2899.....

Contractor: License # .....5665.....
Name .Pioneer Drilling Company, Inc...

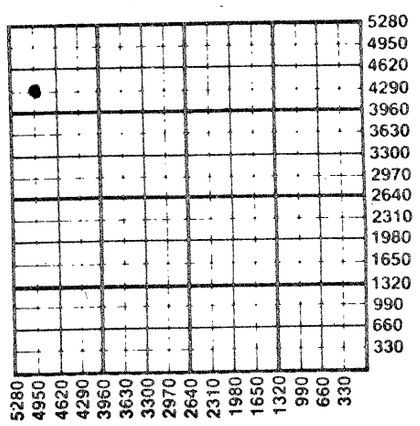
Wellsite Geologist.....Les LeSage.....
Phone.....301-231-9783.....

Designate Type of Completion
X New Well __ Re-Entry __ Workover

X Oil __ SWD __ Temp Abd
__ Gas __ Inj __ Delayed Comp.
__ Dry __ Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator .....
Well Name .....
Comp. Date .....Old Total Depth.....

Section Plat



WELL HISTORY

Drilling Method:
X Mud Rotary __ Air Rotary __ Cable

1-23-86	1-28-86	2-18-86
Spud Date	Date Reached TD	Completion Date

3685'	3654'
Total Depth	PBTD

Amount of Surface Pipe Set and Cemented at 8 5/8" @251' feet
Multiple Stage Cementing Collar Used? __ Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 1600 feet depth to surface w/ 375 SX cmt
Cement Company Name Allied Cementing Co...
Invoice # 46005.....

WATER SUPPLY INFORMATION

Disposition of Produced Water: X Disposal
Docket # CD-78257..... __ Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water: Farm Pond
Division of Water Resources Permit #.....

__ Groundwater.....Ft North from Southeast Corner
(Well) .....Ft West from Southeast Corner of
Sec Twp Rge __ East __ West

X Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge __ East __ West

__ Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Dean LeSage

Title...Operator..... Date 3-13-86

Subscribed and sworn to before me this ..13th..day of..March.... 19.86...

Notary Public..Elaine M. Younger.....

Date Commission Expires..June 25, 1989.....

ELAINE M. YOUNGER
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 6-25-89

K.C.C. OFFICE USE ONLY
F __ Letter of Confidentiality Attached
C __ Wireline Log Received
C __ Drillers Timelog Received
Distribution
✓ KCC __ SWD/Rep __ NGPA
✓ KGS __ Plug __ Other
__ (Specify)

Sec. 16 Twp. 7 Rge. 20W

STATE CORPORATION COMMISSION
MAR 14 1986
CONSERVATION DIVISION
Wichita, Kansas

5-14-86

Form ACO-1 (7-84)

SIDE TWO

Operator Name ....Alcona Oil Company, Inc..... Lease Name.....Riseley "B".....Well #..1.....

Sec....16.... Twp....7s... Rge....20.... ☐ East ☒ West County.....Rooks.....

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken	☒ Yes	☐ No
Samples Sent to Geological Survey	☒ Yes	☐ No
Cores Taken	☐ Yes	☒ No

DST #1: 3632-3660/30-45-30-45. REC 460' total fluid, 120' gas above fluid. 55' gassy clean oil, 90' slightly mud cut oil, 255' gassy clean oil, 60' heavy oil cut mud.

IHP: 1870, IFP: 43, ISIP: 1057, FFP: 173, FSIP: 1029, FHP: 1778.

Anhydrite	1712	(+460)
Topeka	3150	(-978)
Heebner	3357	(-1185)
Toronto	3380	(-1208)
Lan/KC	3396	(-1224)
Base/KC	3596	(-1424)
Arbuckle	3628	(-1456)
RTD	3685	
LTD	3660	

Cores: None
Drill Stem Tests: (1) Cheney Testing
Electric Logs: The Loggers, RA Guard

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
shale and sand	0'	145'
sand and shale	145'	415'
sand and shale	415'	1615'
shale	1615'	1713'
anhydrite	1713'	1759'
shale	1759'	2080'
shale	2080'	2229'
lime and shale	2229'	2310'
shale and lime	2310'	2565'
shale and lime	2565'	2780'
lime and shale	2780'	3005'
lime and shale	3005'	3205'
lime and shale	3205'	3375'
lime and shale	3375'	3505'
lime and shale	3505'	3605'
lime and shale	3605'	3660'
arbuckle	3660'	3685'
	3685'	R.T.D.

CASING RECORD ☒ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface Casing	12 1/4"	8 5/8"	20#	251'	60-40 pos	170	3%cc 2%gel
Production	7 7/8"	4 1/2"	9.5#	3660'	60-40 pos	135	10%salt .2%gel

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2/foot	3632-3644	150 gal 15% A720, 1000 gal INS	
4/foot	3397-3400	750 gal 15% DEM, 1500 gal 15% CRA	
4/foot	3381-3382.5		
6 shots	1600	300 sx 50-50 pos 6% gel, 75 sx 60-40 pos quick set. Circulated cement to surface.	

TUBING RECORD Size 2 3/8" Set At 3650' Packer at — Liner Run ☐ Yes ☒ No

Date of First Production 2-21-86 — Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	27 Bbls	MCF	9 Bbls	CFPB	

METHOD OF COMPLETION — Production Interval

Disposition of gas: ☒ Vented ☐ Sold ☐ Used on Lease

☐ Open Hole ☒ Perforation
☐ Other (Specify) .....

3632-3644

☐ Dually Completed
☐ Commingled